

LOW POWER HARD DISK DRIVE USING MULTIPLE,
INDIVIDUALLY CONTROLLABLE ACTUATORS

5

Abstract of the Disclosure

10 A disk drive which incorporates separate actuators for each recording head so as to
only place required recording heads over the recording media of multiple surface
hard disk drives. The reduction in recording heads that are placed over the
recording media reduces drag on the rotating disk holding the recording media and
thereby reduces the power consumption. Reducing the number of recording heads
15 over the recording media also reduces damage to the recording media surfaces in
the event of a physical shock to the drive since inactive transducer heads are not in
a position to damage the recording media.

160-a01-007v2.doc